



Border 2020: U.S.-Mexico Environmental Program

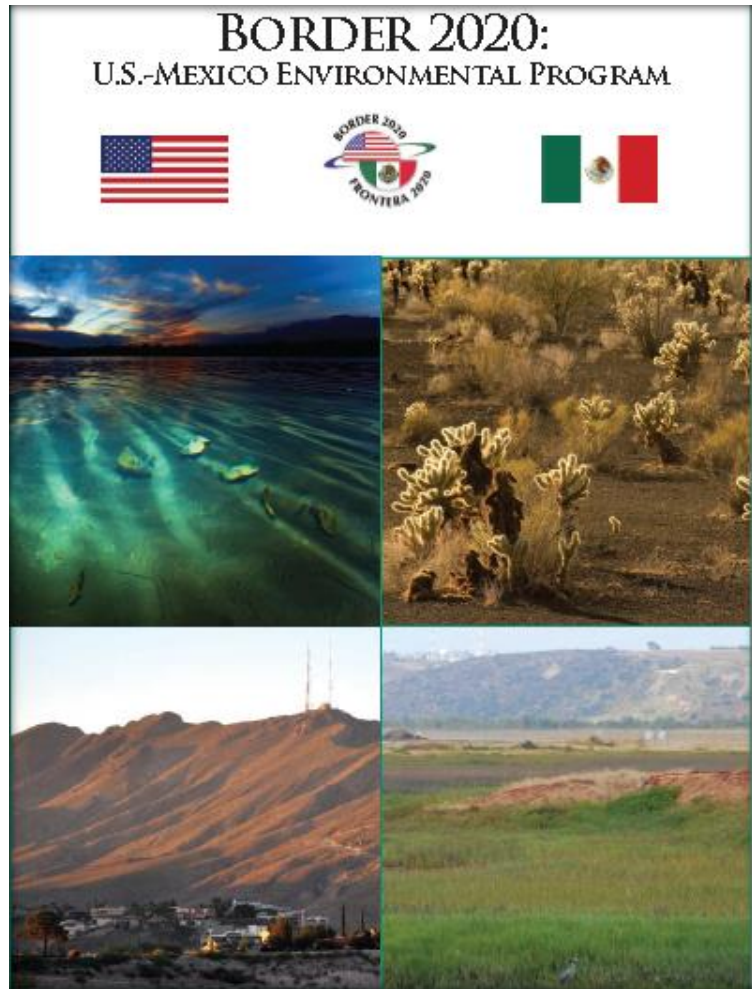
U.S. Environmental Protection Agency

**Border Relations Council Meeting
January 12, 2016**



Border 2020 Overview

- Agreement between EPA, SEMARNAT, 10 States, 26 U.S. Tribes
- Five Goals and Six Fundamental Strategies
- Collaboration and Partnership
 - Regional Workgroups and Task Forces
- 2-Year Action Plans: account for shifts in resources/priorities
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Environmental Challenges

- All Binational Airsheds exceed health-based air quality standards
- All Binational Rivers remain impaired by pollution
- Growing population (18.6 M by 2020)
 - Insufficient and aging drinking water & sanitation infrastructure
 - Inadequate management of solid and haz waste
- Climate Change





Border 2020 Goals

GOAL 1

Reduce Air Pollution



GOAL 2

Improve Access to
Clean and Safe Water



GOAL 3

Promote Materials
Management and Clean Sites



GOAL 4

Enhance Joint Preparedness
for Environmental Response



GOAL 5

Enhance Compliance Assurance
and Environmental Stewardship





Important Border 2020 Updates

- EPA FY16 Appropriation
 - \$10 million BEIF (increase of \$5 million)
- Awarded \$361K leveraging an additional \$250K for projects in California-Baja California Region
- First National Coordinators' Meeting under B2020
 - Evaluated/confirmed program goals
 - Reviewed 2015-2016 Action Plans
 - Discussed environmental indicators



Newly-Awarded EPA-BECC Grants in California/Baja California

Project	Organization	Award Amount	Leveraged	Total
Community and Institutional Alliance for Environmental Sanitation of Drains in Mexicali	Sonoran Institute	\$ 100,000.00	\$ 73,102.00	\$ 173,102.00
Ocean Friendly Restaurants Campaign in the Tijuana/San Diego Region	Proyecto Fronterizo de Educación Ambiental	\$ 70,180.00	\$ 124,582.00	\$ 194,762.00
Pilot Program for Composting of Municipal Solid Waste in Tijuana	El Colegio de la Frontera Norte, A.C.	\$ 73,482.00	\$ 27,000.00	\$ 100,482.00
TRI/RETC Fact Sheets	Colorado School of Mines	\$ 18,953.00	\$ -	\$ 18,953.00
Environmental Health and Asthma Awareness in Low-Income Housing Communities of Imperial County	El Centro Regional Medical Center	\$ 98,518.00	\$ 25,453.00	\$ 123,971.00
Totals		\$ 361,133.00	\$ 250,137.00	\$ 611,270.00



Goal 1: Reducing Air Pollution

Planned Actions over the next 2 years:

- Install and operate PM2.5 monitors at 2 sites in Mexicali to assist in determining transport of pollution between Mexicali and Imperial County (EPA, CARB, SPA): February, 2016
- Operate a PM2.5 pollution at the San Ysidro Port of Entry (EPA, SDAPCD): through January, 2017
- Media Campaign in the Imperial-Mexicali Valley to reduce open burning and fireworks during the holiday season (December 2015)





Goal 2: Improve Access to Clean and Safe Water

Planned Actions over the next 2 years:

- New wastewater improvement projects in Niland, CA & Tijuana and Mexicali to reduce spills to binational rivers
- Wastewater infrastructure diagnostic for Mexicali
- Sediment model for sub-basin of Tijuana watershed (workshop scheduled for 2/25/16)





Goal 3: Promote Sustainable Materials Management & Clean Sites

Planned Actions over the next 2 years:

- Reduce single-use containers in Tijuana (Ocean Friendly Restaurants).
- New River drains trash cleanup and mitigation pilot.
- Mexicali e-waste best management and market development.
- Expand Consultative Mechanism to haz-waste TSD's, SLAB and e-Waste recyclers.





Goal 4: Enhancing Joint Preparedness for Environmental Response

Actions over the next 2 years:

- Build preparedness and prevention capacity via drills, training, and technical support to first responders
- Foster cross-border communication and collaboration through Sister City plans
- Facilitate trans-boundary movement of equipment and personnel during binational incidents and drills





Goal 5: Enhance Compliance Assurance and Environmental Stewardship



Types of materials being imported and exported between the U.S. & MX, range from illegal pesticides, lead acid batteries and CRTs.

Actions over the next 2 years:

- Ensure effective enforcement at the ports-of-entry (DTSC grant)
- Support best management practices on materials such as tires/e-waste
- Develop toxic release fact sheets for respective border states



Fundamental Strategy: Improving Environmental Health

Actions over the next 2 years:

- Implement new EPA/HHS Border Health Commission Partnership renewed in September 2015 and first signed in August 2014
- Increase asthma awareness in low income housing communities in Imperial County
- Convene symposium and roundtable discussion on Children's Environmental Health in the Border Region from January 27-28, San Diego





Border 2020 Information

- Go to www.epa.gov/border2020 for more information about the Border 2020 program.
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